

CLAIMS

1. A cosmetic composition for making up keratin fibers, characterized in that it comprises a nonaqueous solvent medium, at least one wax in a content of greater than 3% by weight relative to the total weight of the composition, up to 20% by weight of water and/or of water-soluble solvent relative to the total weight of the composition and in that it has a solids content of greater than 45% by weight relative to the total weight of the composition and a plateau modulus of stiffness G_p of less than or equal to 35 000 Pa.
2. The composition as claimed in claim 1, characterized in that said solids content is from 46% to 80%, in particular from 48% to 70% and more particularly from 50% to 65% by weight, relative to the total weight of the composition.
3. The composition as claimed in claim 1 or 2, characterized in that said plateau modulus of stiffness G_p is less than or equal to 30 000 Pa, in particular less than or equal to 28 000 Pa, more particularly less than or equal to 25 000 Pa or even 20 000 Pa.
4. A composition as claimed in any one of the preceding claims, characterized in that the nonaqueous solvent medium comprises at least one water-insoluble volatile compound that is liquid

at room temperature.

5. The composition as claimed in either of the preceding claims, characterized in that said volatile compound represents more than 50% by weight of said nonaqueous solvent medium.
6. The composition as claimed in either of claims 4 and 5, characterized in that said water-insoluble volatile compound is chosen from hydrocarbon-based oils, silicone oils and/or fluoro oils, and organic solvents, and mixtures thereof, and in particular from hydrocarbon-based oils containing from 8 to 16 carbon atoms, and mixtures thereof.
7. The composition as claimed in any one of claims 4 to 6, characterized in that said water-insoluble volatile compound is present in the composition in a content of less than 55%, especially between 10% and 54%, in particular between 15% and 52% and more particularly between 17.5 and 50% by weight relative to the total weight of the composition.
8. The composition as claimed in any one of claims 4 to 7, characterized in that the nonaqueous solvent medium also comprises at least one nonvolatile oil.
9. The composition as claimed in any one of the preceding claims, characterized in that said composition is free of water and of water-soluble solvent.

10. The composition as claimed in any one of claims 1 to 8, characterized in that the total content of water and/or of water-soluble solvent(s) is greater than or equal to 0.5%, in particular from 1% to 18% and more particularly from 2% to 15% by weight relative to the total weight of the composition.
11. The composition as claimed in claim 10, characterized in that said water-soluble solvent is chosen from lower monoalcohols containing from 1 to 5 carbon atoms, glycols containing from 2 to 8 carbon atoms, C₃ and C₄ ketones and C₂ to C₄ aldehydes.
12. The composition as claimed in any one of the preceding claims, characterized in that said wax is chosen from waxes that are solid and rigid at room temperature, with a melting point of greater than or equal to 30°C, in particular greater than or equal to 45°C and especially greater than or equal to 55°C.
13. The composition as claimed in any one of the preceding claims, characterized in that the wax is chosen from hydrocarbon-based waxes, for instance beeswax, lanolin wax, Chinese insect waxes, sumach wax, paraffins, polyethylene waxes, waxy copolymers, and esters thereof; the waxes obtained by catalytic hydrogenation of animal or plant oils containing linear or branched C₈-C₃₂ fatty chains, for instance trans-isomerized partially hydrogenated jojoba oil, hydrogenated sunflower

oil, hydrogenated castor oil, hydrogenated coconut oil, hydrogenated lanolin oil and bis(1,1,1-trimethylolpropane) tetrastearate and the waxes obtained by hydrogenation of castor oil esterified with cetyl alcohol.

- 5
14. The composition as claimed in any one of claims 1 to 12, characterized in that the wax is chosen from waxes with a tack of greater than or equal to 0.7 N.s and in particular greater than or equal to 1 N.s, and a hardness of less than or equal to 3.5 MPa.
- 10
15. The composition as claimed in claim 14, characterized in that said wax is chosen from C₂₀-C₄₀ alkyl (hydroxystearyloxy)stearates.
- 15
16. The composition as claimed in any one of claims 1 to 12, characterized in that said wax is chosen from waxes with a starting melting point of greater than or equal to 45°C, especially greater than or equal to 50°C, in particular greater than or equal to 55°C and more particularly greater than or equal to 60°C.
- 20
17. The composition as claimed in claim 16, characterized in that said wax is chosen from carnauba wax, rice bran wax, candelilla wax, ouricurry wax, montan wax, ozokerites, the waxes obtained by Fisher-Tropsch synthesis, hydrogenated jojoba oil, bis(1,1,1-trimethylolpropane) tetrabehenate, the waxes obtained by catalytic hydrogenation of olive oil esterified with stearyl
- 25
- 30

alcohol, microcrystalline waxes and polyethylene waxes.

- 5 18. The composition as claimed in any one of the preceding claims, characterized in that the total wax content is from 10% to 70%, especially from 15% to 65%, and in particular from 20% to 60%, indeed from 25% to 55% by weight relative to the total weight of the composition.
- 10 19. The composition as claimed in any one of the preceding claims, characterized in that it also comprises at least one polymer that is soluble in said nonaqueous solvent medium and that has at least one crystallizable portion.
- 15 20. The composition as claimed in claim 19, characterized in that said polymer has a molar mass ranging from 200 to 1 000 000 g/mol, in particular from 500 to 500 000 g/mol and more particularly from 1000 to 300 000 g/mol.
- 20 21. The composition as claimed in either of claims 19 and 20, characterized in that said crystallizable portion represents at least 5%, in particular at least 10% and not more than 50%, and more particularly from 30% to 50%, by weight relative to the total weight of said polymer.
- 25 22. The composition as claimed in any one of claims 19 to 21, characterized in that said polymer is chosen from copolymers of linear and saturated C₁₂ to C₃₀ alkyl (meth)acrylates and of linear C₄ to C₁₀
- 30

- or branched, cyclic and/or unsaturated C₄ to C₃₀ alkyl (meth)acrylates, copolymers of vinyl esters containing linear and saturated C₁₂ to C₃₀ alkyl groups and of vinyl esters containing linear C₄ to C₁₀ or branched, cyclic and/or unsaturated C₄ to C₃₀ alkyl groups, polycondensates of polyamide type resulting from the condensation between (α) at least one acid chosen from dicarboxylic acids containing at least 32 carbon atoms and (β) an alkylenediamine, said polycondensate comprising at least one carboxylic acid end group esterified or amidated with at least one linear and saturated monoalcohol or one linear and saturated monoamine containing from 12 to 30 carbon atoms, and lipophilic polyester polycondensates whose ends are esterified with a crystallizable acid or alcohol consisting of a saturated linear C₁₂ to C₃₀ carbon-based chain.
23. The composition as claimed in any one of claims 19 to 22, characterized in that said polymer is chosen from vinyl acetate/vinyl stearate, vinyl acetate/allyl stearate, vinyl acetate/ethylene and ethylenediamine/stearyl dilinoleate copolymers, block copolymers of hydrogenated butadiene/isoprene and poly(12-hydroxystearic acid) which is esterified at one of its ends with stearic acid.
24. The composition as claimed in any one of claims 19 to 23, characterized in that said polymer is present in a content ranging from 0.01% to 30%,

especially from 0.1% to 20% and in particular from 1% to 10% by weight relative to the total weight of the composition.

5 25. The composition as claimed in any one of the preceding claims, characterized in that it also comprises at least one film-forming polymer.

10 26. The composition as claimed in any one of the preceding claims, characterized in that it also comprises at least one dyestuff.

15 27. The composition as claimed in any one of the preceding claims, characterized in that it also comprises at least one filler.

20 28. The composition as claimed in any one of the preceding claims, characterized in that it also comprises at least one cosmetically acceptable additive chosen from antioxidants, preserving agents, fragrances, neutralizers, plasticizers, fibers, gelling agents and cosmetic active agents, and mixtures thereof.

25 29. The composition as claimed in any one of the preceding claims, characterized in that it has a flow threshold τ_c , measured by oscillating rheology ($\gamma = 1$ Hz), ranging from 10 to 200 Pa and especially from 20 to 100 Pa.

30

30. A process for preparing a composition as defined according to any one of claims 1 to 29,

characterized in that it comprises at least the continuous blending of at least one wax, by passing from a temperature above the melting point of said wax to room temperature with continuous cooling.

5

31. The process as claimed in claim 30, characterized in that it uses a continuous twin-screw blender.

10 32. The process as claimed in claim 30 or 31, characterized in that at least one nonaqueous solvent is added either prior to said blending or in the course of said blending.

15 33. The process as claimed in any one of claims 30 to 32, characterized in that at least one polymer that is soluble in a nonaqueous solvent and that has a crystallizable portion, as defined in any one of claims 19 to 24, is added prior to said
20 blending.

34. A process for preparing a composition as defined according to any one of claims 1 to 29, characterized in that it comprises at least one
25 step of dispersing at least one wax in the form of particles between 0.5 μm and 30 μm in diameter in at least one nonaqueous solvent, said solvent being at a temperature below the melting point of said wax in particle form.

30

35. The process as claimed in claim 34, characterized in that the dispersion is performed at room temperature.

36. The process as claimed in claim 34 or 35, characterized in that said size is from 1 to 20 μm and in particular from 5 to 10 μm .
- 5
37. The process as claimed in any one of claims 34 to 36, characterized in that said wax is chosen from carnauba wax, synthetic wax, waxes consisting of a mixture of carnauba wax and of polyethylene wax, waxes consisting of a mixture of carnauba wax and synthetic wax, polyethylene waxes and polytetrafluoroethylene waxes.
- 10
38. The process as claimed in any one of claims 34 to 37, characterized in that at least one wax as defined according to any one of claims 12 to 17 is introduced beforehand in molten form in said solvent, and the mixture thus obtained is then allowed to cool with stirring or is blended until it is at a temperature at least below the melting point of said wax in particle form.
- 15
39. The process as claimed in any one of claims 32 to 38, characterized in that said nonaqueous solvent is as defined in any one of claims 4 to 8.
- 20
40. The process as claimed in any one of claims 34 to 39, characterized in that said nonaqueous solvent is in a mixture with at least one polymer that is soluble in said nonaqueous solvent and that has at least one crystallizable portion, as defined in any one of claims 19 to 24.
- 25
- 30

41. A process for making up keratin fibers,
characterized in that a composition as defined in
any one of claims 1 to 29 or as obtained via a
process as defined in any one of claims 30 to 40
5 is applied to said keratin fibers, especially the
eyelashes.